

CLAIMS

1. Scissors with precise control and labor-saving functions comprising of:

a pair of cutting portions with a pair of cutters, the cutters being connected pivotally;

5 two handle portions having two handle rods with double fulcrums and interaction force-arms, the double fulcrums including two front fulcrums connecting and exactly controlling the cutting portions and two rear fulcrums pivotally located on two rear ends of two handle rods, the rear fulcrums cooperating with an elastic member to let the handle rods
10 restore;

two sliding sleeves located on the handle portions and being extendable based on length demands to assist the handle rods.

2. The scissors with precise control and labor-saving functions as cited in claim 1, wherein a pair of cutters are pivotally connected to each other, a
15 pair of cutting tail-legs with two holes are elongated from another side of a pivotal point for connections and control of cutting portions and handle portions.

3. The scissors with precise control and labor-saving functions as cited in claim 1, wherein two slots are designed on two ends of the handle rods to
20 pivotally connect two cutting tail-legs for forming supporting interfaces of the handle portions and the cutting portions defined as front fulcrums.

4. The scissors with precise control and labor-saving functions as cited in claim 1, wherein a plurality of concave points are placed in a series on two side surfaces of the handle rods for assembling and positioning assistant handle rods.
- 5 5. The scissors with precise control and labor-saving functions as cited in claim 1, wherein an elastic member is set on a connecting point of the rear fulcrum, and the elastic member is preferably a torsion spring.
6. The scissors with precise control and labor-saving functions as cited in claim 1, wherein the front fulcrums of the handle portions are assembled with a pivotal point of the cutting portions in a tiny distance for improving accuracy of the handle portions controlling the cutting portions.
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7. The scissors with precise control and labor-saving functions as cited in claim 1, wherein the front and the rear fulcrums cooperating with the handle rods become interactions applying force-arms to function as the labor-saving function.
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8. The scissors with precise control and labor-saving functions as cited in claim 1, wherein two assistant handle rods, being shaped corresponding to the handle rods, directly put around the handle rods and are able to be extendable along both the handle rods based on demands for extending applying force-arms of the handle rods, a plurality of nodes 31 are grooved on two side surfaces of the assistant handle rods, and positions of
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the nodes are corresponding to plural concave points of the handle rods.

9. Scissors with precise control and labor-saving functions comprising of:

a pair of cutting portions with a pair of cutters, the cutters being connected pivotally;

5 two handle portions, two long slots being grooved on two comparative inner surfaces for motion paths of two sliding/receiving means and the cutting portions, two guiding slots being established on two bottom surfaces of the long slots to guide the sliding/receiving means, the handle portions including two front fulcrums and two rear fulcrums pivotally connecting two handle rods, the rear fulcrums working together with an elastic member to let handle rods restore;

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the sliding/receiving means connecting the cutting portions and the handle portions provide to receive the cutting portions in the handle portions and to push and to position the cutting portions at the front fulcrums.

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10 The scissors with precise control and labor-saving functions as cited in claim 9, wherein the guiding slots have plural pushing positioning settings located at the front ends of the guiding slots.

11 The scissors with precise control and labor-saving functions as cited in claim 10, wherein the pushing positioning settings are adjacent to a pivotal point of the cutting portions, and thus to cooperate with the

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sliding/receiving means to become front fulcrums.

12 The scissors with precise control and labor-saving functions as cited in claim 10, wherein the guiding slots have plural pushing positioning settings and plural receiving positioning settings located on the two sides thereof.

13 The scissors with precise control and labor-saving functions as cited in claim 12, wherein the pushing positioning settings and receiving positioning settings are arc shapes and wider than the widths of the guiding slots to offer positioning of pushing the sliding/receiving means out and receiving the cutting portions.

14 The scissors with precise control and labor-saving functions as cited in claim 9, wherein the sliding/receiving means further includes two joining bases, a fillister is bedded in an inner surface of each joining base to pivotally join a pair of cutting tail-legs, an outer surface of each joining base has an assembling hole, the assembling hole works together with an axis buckle and an elastic member to position and release.

15 The scissors with precise control and labor-saving functions as cited in claim 14, wherein the axis buckle has a withstanding rod comparative to the elastic member; a pressing rod 47 is designed on another side of the axis buckle and coaxial to the withstanding rod and an axial rod and is for positioning.

16 The scissors with precise control and labor-saving functions as cited in

claim 15, wherein the axial rod provides a first axial rod working with an arc opening, another first axial rod working with another arc opening, and still, a second axial rod a little larger than the first axial rod is to limit an active scope of the axis buckle working with the elastic member , it is to avoid that the axis buckle jumps out of the assembling hole via the elastic member.

17 The scissors with precise control and labor-saving functions as cited in claim 9, wherein two outer sides of the handles of the handle portions can be further added two assistant handle rods, a plurality of nodes are grooved on two side surfaces of the assistant handle rods, two long slots corresponding to two end surfaces of the guiding slots are installed on the assistant handle rods for controlling axis buckles of the sliding/receiving means and pushing the cutting portions out.